

Polystyrene hard foam moulded articles.

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FR2230667 (A1)

DE1173244 (B)

JP1282226 (A)

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Abstract of EP 0620246 (A1)

Mouldings produced from rigid polystyrene foam or polystyrene particle foam are used for insulation purposes. It has been found that rigid polystyrene foam having a density of less than 20 kg/m³ has a higher thermal conductivity than rigid polystyrene foam having a higher density. The invention has the object of providing a moulding made from rigid polystyrene foam which has a density of less than 20 kg/m³ and a favourable thermal conductivity. This object is achieved according to the invention by providing the rigid polystyrene foam with an athermanous material. The consequence of this is that corresponding mouldings having a density of less than 20 kg/m³ have a thermal conductivity which is no greater or not significantly greater than the thermal conductivity of rigid polystyrene foam having a density of about 40 kg/m³ with relatively low thermal conductivity.; The invention is particularly suitable for sheet-like mouldings made from polystyrene particle foam for insulation in the construction (building) sector.

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